

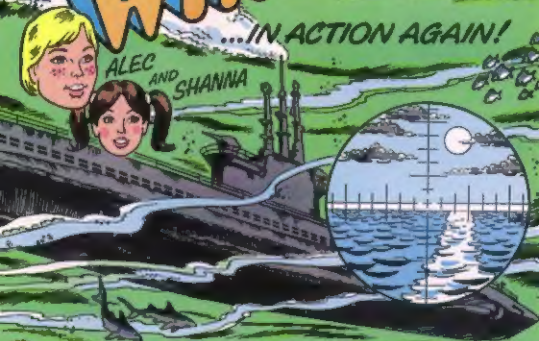
THE
TANDY COMPUTER

CAT. NO. 68-2021

Whiz kids

...IN ACTION AGAIN!

ALEC
AND SHANNA



ALEC AND SHANNA...
STARRING IN

FIT TO WIN!

COMPLIMENTS OF **Radio Shack**
A DIVISION OF TANDY CORPORATION

The Tandy® Color Computer 3

More colors, superb graphics, greater power at a low price

With Radio Shack's Color Computer 3 (26-3334, \$219.95), you can start computing right away—even if you've never used a computer before! Simply attach it to your TV, and you're ready to start.

Not only does the 128K Color Computer 3 offer twice the memory, twice the speed, and even better graphics than our popular Color Computer 2, it's also compatible with the Tandy hardware accessories and software designed for the popular Color Computer 2—you may never outgrow it!

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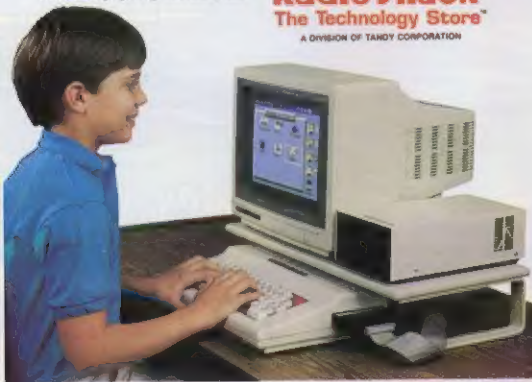
typing skills. The Color Computer 3 can even be used for writing your own sophisticated programs—simply plug in an instant-loading Program Pak® for fun and games. You can even add an optional modem to access educational databases over the phone. Enjoy services such as an electronic encyclopedia—great for homework, and fun to use for the whole family.

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Price applies at Radio Shack Computer Centers and participating stores and dealers. Modem, disk drives, software and monitor purchase sold separately.

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TANDY COMPUTER

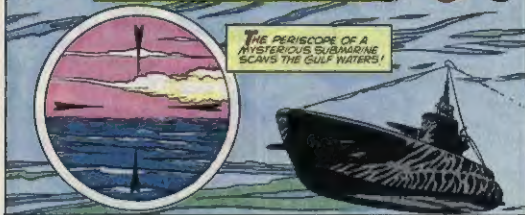
Whizkids

ALEC
AND
SHANNA

STARRING IN:

FIT TO WIN!

THE PERISCOPE OF A
MYSTERIOUS SUBMARINE
SCANS THE GULF WATERS!

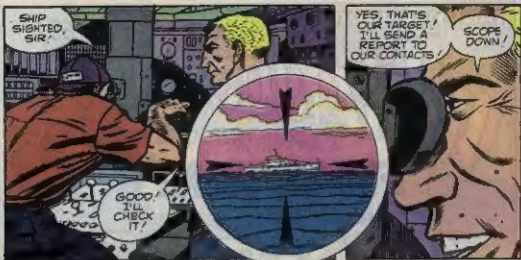


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CAT. NO. 90-9871



SHIP SIGHTED, SIR!

YES, THAT'S OUR TARGET!
I'LL SEND A REPORT TO OUR CONTACTS

SCOPE DOWN!

GOOD!
I'LL CHECK IT!

MEANWHILE...

HEY, FRITZ!
THAT WAS A SLICK IDEA TO HAVE A PLEASURE BOAT RENDEZVOUS WITH US OFF THE COAST AT NIGHT... TO TRANSFER "THE GOODS" TO OUR BOAT!

YEAH!
BUT DON'T FORGET...
I DREAMED UP THE IDEA!

RIGHT!
AND IF THE IDEA BOMBS OUT, YOU'LL BE HELD RESPONSIBLE FOR THAT, TOO! THE BIG GUYS DON'T TAKE KINDLY TO IDEAS THAT WASTE THEIR DOUGH!



HEY, BOSS!
COME HERE QUICK!



DOESN'T THAT LOOK LIKE A SHIP ON THE HORIZON?

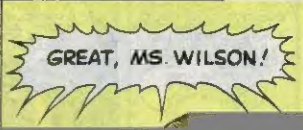
YEAH! IT'S A SHIP ALL RIGHT, BUT... I WONDER...





THE NEXT
MORNING -

GOOD
MORNING!
HOW WAS
VACATION
TIME?



GREAT, MS. WILSON!

WELL, A GROUP OF US KIDS GOT TOGETHER TO TALK ABOUT SOME OF THE THINGS WE WOULD LIKE IN EVERYDAY LIFE WHEN WE GET TO BE ADULTS--

WHAT WE HOPE OUR COUNTRY WILL BE LIKE THEN!



MY! WHAT A PROFOUND THOUGHT, ALEC! TELL US MORE ABOUT IT!



WE THOUGHT ABOUT IT A LOT AND DECIDED...



THAT HERE WE ARE IN ELEMENTARY SCHOOL... AND THE WAY TIME PASSES, *SO FAST*... WE'LL BE OUT OF HIGH SCHOOL... AND, IF OUR GRADES ARE GOOD, WE'LL BE IN COLLEGE!

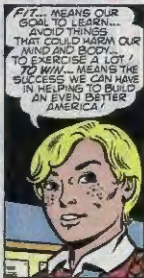


WE TALKED ABOUT WHAT WE WOULD LIKE TO DO FOR A CAREER THAT WOULD HELP TO KEEP OUR COUNTRY'S LEADERSHIP IN SCIENCE AND BUSINESS... A CAREER THAT WOULD HELP TO BUILD AN EVEN BETTER WAY OF LIFE FOR ALL OF OUR PEOPLE!



SO, WHAT DID YOU ALL DECIDE?





WHILE LATER THAT MORNING
AT THE PALM CITY MARINA...

ACCORDING TO THAT
REPORT FROM THE SUB,
THAT PLEASURE BOAT,
THE JOLLY ROGER, IS
THE ONE THEY WERE
ASKED TO WATCH FOR...

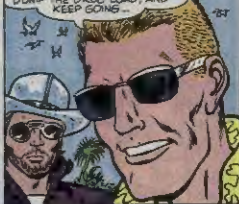
AND TO NOTIFY
US WHEN IT
CROSSED THEIR
AREA!

PALM CITY
MARINA

YES, AND ACCORDING TO THEIR
REPORT TO US, IT WAS HEADING
IN THE DIRECTION OF PALM CITY!



WE COULD HAVE HAD THE BOAT
SHADOWED BY HELICOPTER, BUT
IT MIGHT HAVE CAUSED THEM TO
DUMP THE DRUG LOAD, AND
KEEP GOING...



HEY!

LOOKS LIKE OUR TARGET
IS HEADED THIS WAY!
CAN'T MAKE OUT THE
NAME YET!

BUT THE DESCRIPTION
FITS!



GOOD! WE'D BETTER
GET SET TO GO ABOARD
THE MOMENT IT TIES UP
AT THE DOCK!



ON BOARD THE TRAWLER...

SO, THAT WAS A PRETTY SLICK JOB, EH?

YEAH! ESPECIALLY THE WAY PLASTIC WRAPPED BUNDLES OF THAT STUFF WERE HAULED OUT OF THE WATER WITH OUR NET - JUST LIKE FISHING! **HAHA!**

THIS IS A FISHING TRIP, ISN'T IT, CAPTAIN?

YEAH! I GUESS YOU COULD CALL IT THAT!

HAHA! FOR EXPENSIVE FISH!
HA HA!

BUT PLEASE ALLOW ME TO REMIND YOU, MY DEAR... GREEDY FRIENDS, THIS LITTLE FISHING TRIP WON'T BE OVER UNTIL WE DELIVER "THE FISH" TO THE MARKET PLACE! SO, DON'T REST ON ANY LAURELS, YET!

BACK
TO
THE
CLASS-
ROOM...



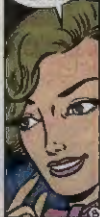
MY, IT'S ALMOST TIME
FOR RECESS! BUT, I CAN
STILL TELL YOU THE FIRST
SURPRISE: OUR SCHOOL
HAS BEEN CHOSEN TO
SET UP A PHYSICAL FIT-
NESS BOOTH AT THE
STATE FAIR THIS YEAR...

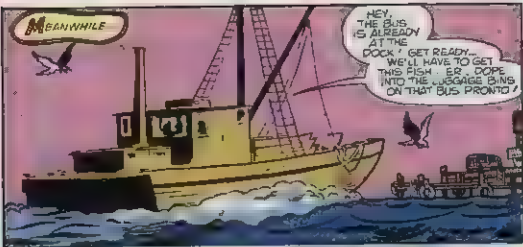


AFTER RECESS, YOU
THREE SHOULD REPORT
TO MS. JACKSON, THE
TEACHER WHO WILL
WORK WITH YOU! IN-
CIDENTALLY, YOU'LL BE
GOING WITH HER OUT TO
THE FAIR AFTER RECESS
TO HELP... SET UP
THE DISPLAYS
AND
EQUIPMENT!



IT'S TIME
FOR
RECESS!
I'LL TELL YOU
ABOUT THE
OTHER
SURPRISES
LATER!



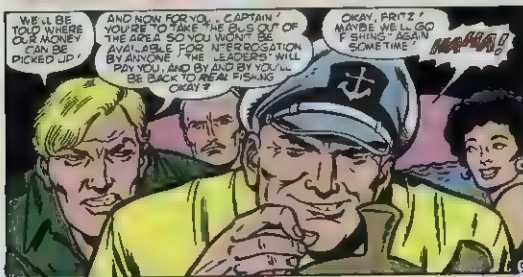


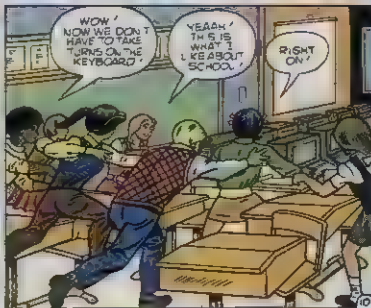
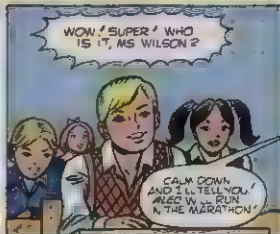
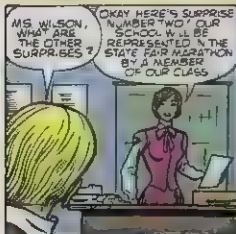
ANOTHER THING. THE LEADER OF OUR RING SAID THEY WOULD HAVE A SMALL RED SPORTS CAR FOR OUR GET-AWAY. IT WILL BE PARKED ON THE SIDE OF THE OLD WAREHOUSE BY THE DOCK.

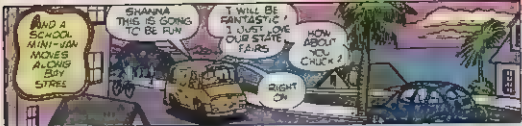


GOT IT?

GOT IT BOSS, BUT WHEN DO WE GET OUR SHARE OF THE MONEY?



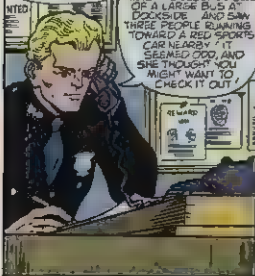




AT THE COASTAL CITY POLICE DEPARTMENT

DETECTIVE SHAW,
A GRL BY THE NAME
OF SHANNIA LEFT
AN URGENT MESSAGE
FOR YOU!

"SAYS SHE SAW A
GUY LOADING BAGS,
OR SOMETHING,
FROM A TRAWLER
INTO THE LUGGAGE BINS
OF A LARGE BUS AT
DOCKSIDE AND SAW
THREE PEOPLE RUNNING
TOWARD A RED SPORTS
CAR NEARBY. IT
SEEMED ODD, AND
SHE THOUGHT YOU
MIGHT WANT TO
CHECK IT OUT."



DETECTIVE SHAW - AT PALM CITY

YOU
BET I
WANT TO
CHECK
IT!

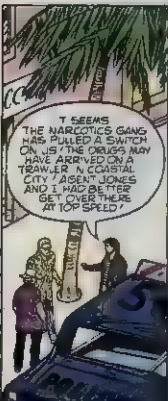
INCIDENTALLY WE FOUND
NOTHING ABOARD THAT PLEASURE
BOAT. I THINK WE'VE BEEN DUPED
ON THIS ONE. GET A TEAM OVER
TO THE DOCK RIGHT AWAY, AND
PUT OUT AN APB ON THE BUS
AND SPORTS CAR.



APPARENTLY, THE DRUG
LOAD WAS SWITCHED TO A
TRAWLER AFTER BEING
SIGHTED BY OUR BOAT.
BUT
HOW?



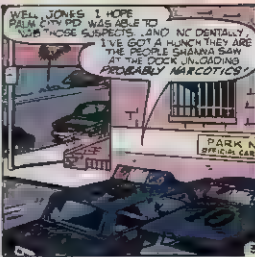
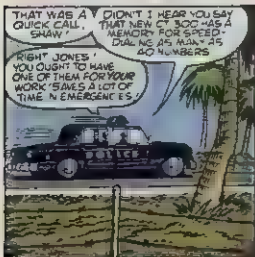
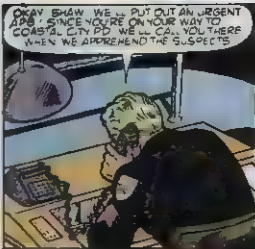
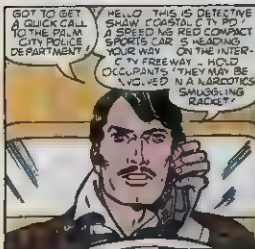
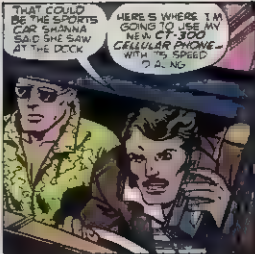
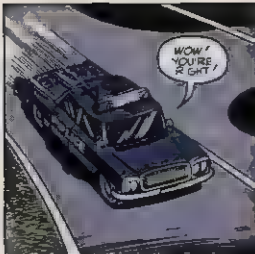
IT SEEMS
THE NARCOTICS GANG
HAS PULLED A SWITCH
ON US. THE DRUGS MAY
HAVE ARRIVED ON A
TRAWLER IN COASTAL
CITY. AGENT JONES
AND I HAD BETTER
GET OVER THERE
AT TOP SPEED!



REGARDLESS OF THAT, IF
NARCOTICS WERE SWITCHED
TO A LARGE BUS AFTER THE
TRAWLER DOCKED, IT SHOULD
BE EASY TO SPOT THE BUS
BEFORE IT CAN GET OUT OF
COASTAL CITY!

HEY, LOOK AT THAT
SPORTS CAR!
IT MUST BE DOING
100 MILES PER HOUR!





AT
THE
SAME
TIME

BOSS FRITZ REALLY DID HIS HOMEWORK WHEN HE SUGGESTED TAKING THIS FARM ROAD OFF THE LOOP AND STAYING OUT OF SIGHT BEHIND THIS OLD BARN. THE COPS WILL BE WATCHING FOR US ON THE MAIN ROADS LEADING OUT OF TOWN.

YEAH THERE ARE A LOT OF THESE OLD BARN ALONG THE ROAD. THE COPS WON'T THINK TO CHECK A PLACE LIKE THIS.

HAAAA!

WE'RE SITTING PRETTY EM? WE'LL JUST STAY OUT OF SIGHT HERE FOR SEVERAL DAYS. COOK OUR OWN MEALS IN OUR GALLEY.

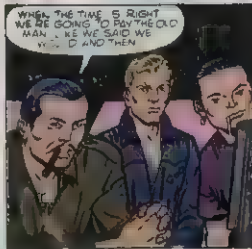
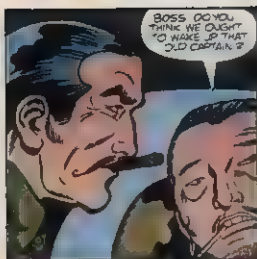
HAAAA!

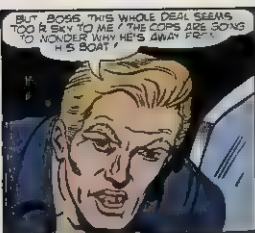
YEAH BUT BOSS WHAT IF THE COPS NAB FRITZ AND THE OTHERS?

THEY WON'T TALK. THEY WANT TO DIE FROM OLD AGE NOT FOR BQUEALING!

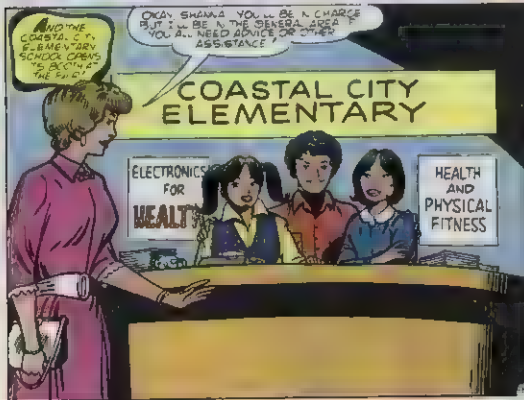
LIKE I SAY WE'VE GOT + MADE A THE SHADE!

HAAAA!









WHAT DOES THAT MEAN :
AVOID SUBSTANCE ABUSE ?
WHAT IS SUBSTANCE
ABUSE ANYWAY ?

HEALTH TIPS:

AVOID SUBSTANCE ABUSE
(PAGES 10-11)

SUBSTANCE
ABUSE
INCLUDES
NOT ONLY
DRUGS, BUT
ALSO
ALCOHOLIC
DRINKS -
BOTH CAN
HARM YOUR
MIND AND
BODY!

BUT I
THOUGHT
ALCOHOLIC
DRINKS WERE
LEGAL. A LOT
OF PEOPLE
DRINK THEM!

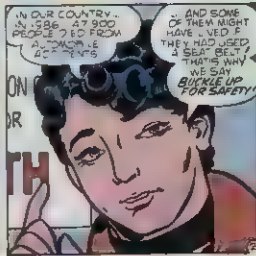
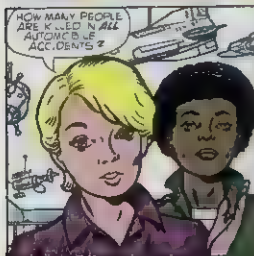
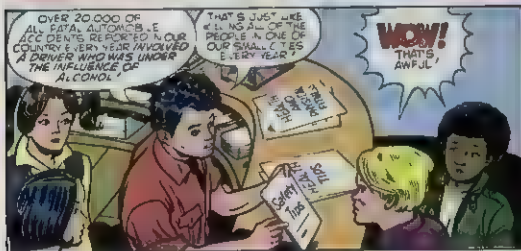
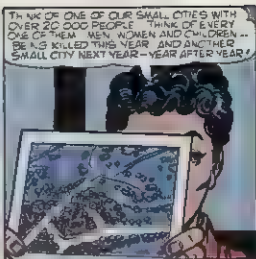
THAT'S TRUE ! BUT
ALCOHOL ABUSE CAN BE
JUST AS HAZARDOUS TO
YOUR HEALTH AS DRUG
ABUSE, AND YOU CAN
EVEN BECOME ADDICTED
TO USE OF ALCOHOL...
JUST LIKE YOU CAN
WITH USE OF HARMFUL
DRUGS!

CHUCK TELL
THEM ABOUT SOME
OF THE HARMFUL
EFFECTS OF
ALCOHOL ABUSE!

OKAY SHAMMA ! I'LL MAKE
BRIEF AND THEN THEY
CAN TAKE ONE OF THE
PAMPHLETS THAT COVERS
ALCOHOL ABUSE IN MORE
DETAIL.

ALCOHOL ABUSE SLOWS THE FUNCTION OF
YOUR MIND, RESULTS IN IMPAIRED COORDI-
NATION OF BODY MOVEMENTS, AND IT CAN
CAUSE LIVER AND KIDNEY DISEASE !
IT CAN ALSO BE DEADLY TO
DRINK AND DRIVE ANY VEHICLE -
JUDGEMENT OF SPEED AND
DISTANCE IS IMPAIRED!

HARMFUL
EFFECTS OF
ALCOHOL
ABUSE



SO WHAT THIS ADDS UP TO IS STAY AWAY FROM THINGS THAT CAN RUIN YOUR HEALTH NOT ONLY NOW BUT **MOYBE THE REST OF YOUR LIFE!** EAT THE FOODS YOUR BODY NEEDS FOR PROPER GROWTH

GET A CHECK-UP FROM YOUR DOCTOR.. THEN GET PLENTY OF EXERCISE!

ALTH
NO
SICA
TND



ONE MORE IMPORTANT THING! OUR MINDS MUST GROW TOO! THAT MEANS STUDY HARD IN SCHOOL. LEARN ALL YOU CAN! IF WE DON'T PREPARE NOW... HOW CAN WE EXPECT TO BE FUTURE LEADERS IN SCIENCE AGR CULTURE BUSINESS AND GOVERNMENT?

WOW! THAT'S COOL WE REALLY HADN'T THOUGHT ABOUT THAT BEFORE

RIGHT ON!



OH, I ALMOST FORGOT TO LISTEN FOR ALEC! BETTER GIVE HIM A CALL. HELLO, ALEC! COME IN PLEASE!

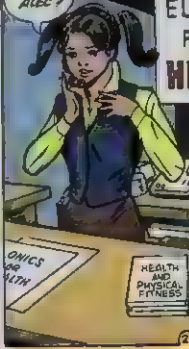


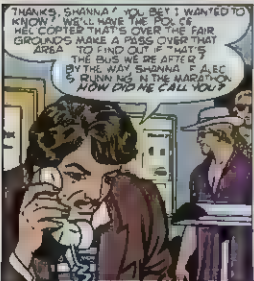
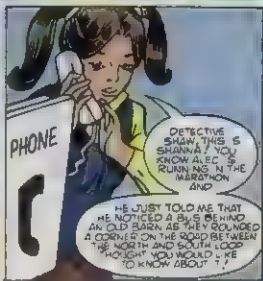
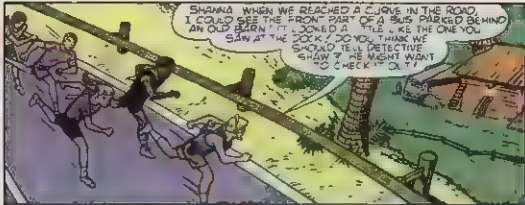
HI SHANNA! I'M IN THE LEAD SO FAR! WE'RE NOW RUNNING ALONG THE OLD FARM ROAD THAT HEADS SOUTH FROM THE NORTH LOOP!

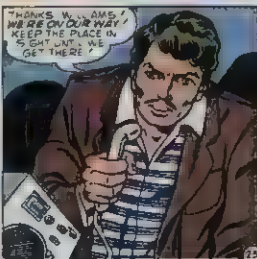
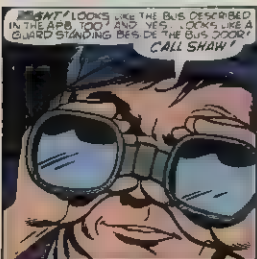
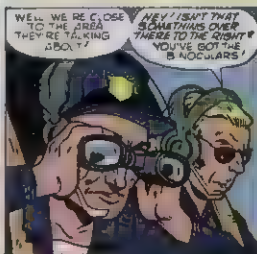
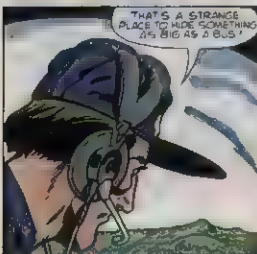
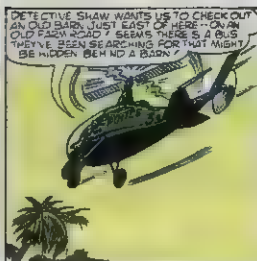
HEY! I JUST SPOTTED SOMETHING...

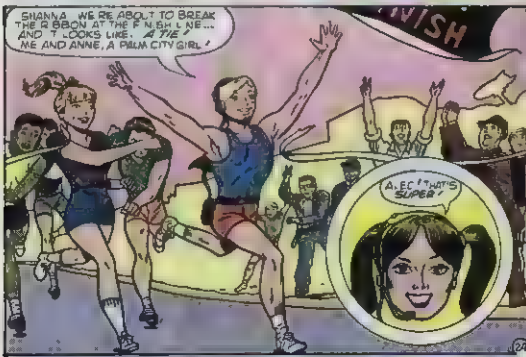
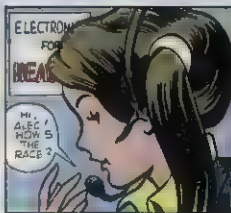
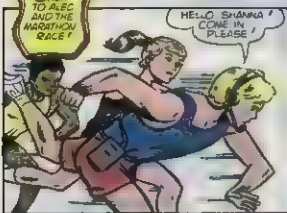


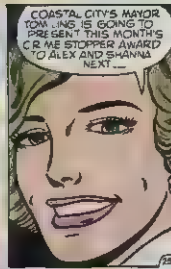
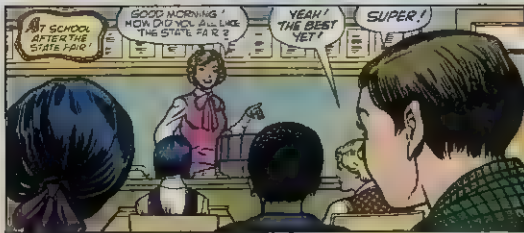
WHAT IS IT, ALEC?

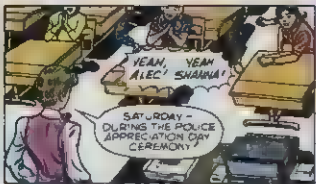












○ SATURDAY
MORNING
POLICE
APPRECIATION
DAY!

IT GIVES ME GREAT PLEASURE TO EXTEND OUR SINCERE THANKS FOR THE DEVOTION TO DUTY OF OUR POLICE OFFICERS AND STAFF ON THIS SPECIAL DAY OF APPRECIATION AND TO THANK ALEC AND SHANNA... YOUNG CITIZENS WHOSE ALERTNESS AND TIMELY CALL TO OUR POLICE DEPARTMENT HELPED IN APPREHENDING THE LEADERS OF A DRUG SMUGGLING RACKET!

HIP, HIP
HURRAH!
HIP HIP
HURRAH!

WE'RE PROUD OF
OUR POLICE DEPARTMENT

IN FURTHER RECOGNITION I AM HAPPY TO PRESENT THIS MONTH'S CRIME STOPPER AWARD TO ALEC AND SHANNA FOR HELPING TO KEEP OUR CITY A SAFE... HEALTHY HAPPY CITY!

IN CLOSING, WHY NOT MAKE EVERY DAY... ONE OF APPRECIATION FOR THOSE WHO WORK DAY AND NIGHT IN ALL KINDS OF WEATHER, OFTEN RISKING THEIR LIVES... NOT ONLY FIGHTING CRIME, BUT ALSO HELPING IN TIMES OF DISASTER!

YEAH!
RIGHT
ON!

HIP, HIP,
HURRAH!

THE
END

STUDENT'S GUIDE TO COMPUTER LANGUAGE

- BACK-UP DISKETTE** A "Safe Copy" made from the original diskette and kept in case of damage or destruction of data on the original diskette.
- BASIC** Beginner's All-purpose Symbolic Instruction Code, a widely-used programming language
- BINARY** A numbering system using only two digits, 0 and 1
- BIT** The smallest unit a computer circuit can recognize
- BOOT UP** To turn on a computer system (including all peripherals) and load an operating system or program.
- BREAK** To stop the execution of a program by pressing the key **(BREAK)** or by typing the word "STOP"
- BYTE** A combination of 8 consecutive binary digits.
- CASSETTE** An information storage medium composed of magnetic tape on a spool enclosed in plastic case
- COMMAND** A function the computer performs upon your instructions
- CONTROL** That section of a computer which directs the activity of all other sections.
- CURSOR** A flashing, white box on the screen which marks the location of the next letter or numeral
- DATA** The information processed by a computer
- DEFAULT** An action or value taken by a program if you do not specify which is to be used.
- DIRECTORY** A listing of the contents stored on a disk.
- DISK** A magnetic recording device for storage of data.
- EDIT** To change existing information
- ENTER** The key on a keyboard that is pressed to enter data into the computer
- K or KILOBYTE** The letter symbol for 1024 bytes
- MEMORY** The section of a computer used for storage of information (also called data)
- MENU** A list of questions, or prompts, the answers to which determine how the computer will execute an instruction
- PASSWORD** A file security option of up to 8 alphanumeric characters.
- POWER UP** To turn on the computer system (including all peripheral equipment).
- PROGRAM** The instructions that tell a computer how to process and deliver its answer or information.
- PROMPTS** Questions displayed on the screen which enable you to complete necessary instruction to the computer
- SCRIPTIT** A program used in word-processing.

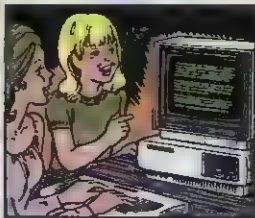
the computers!

NATIONWIDE, IN CROWDED AIR TERMINALS
COMPUTERS ARE SPEEDING PROCESSING
OF RESERVATIONS AND TICKETS



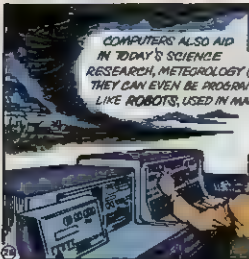
COMPUTERS LIKE THE TANDY 1000 ARE
BEING USED AS TEACHING AIDS TO BUILD
SKILLS IN MATH AND SCIENCE...

IN REDUCING TIME AND PAPERWORK FOR
SMALL BUSINESS OPERATIONS...



TO ACCESS INFORMATION SERVICES LIKE
COMPUERVE—AN ELECTRONIC ENCYCLO-
PEDIA AT YOUR FINGERTIPS. GREAT FOR
HELPING WITH HOME STUDY ASSIGNMENTS!

COMPUTERS ALSO AID
IN TODAY'S SCIENCE
RESEARCH, METEOROLOGY (WEATHER FORECASTING) AND
THEY CAN EVEN BE PROGRAMMED TO OPERATE MACHINES
LIKE ROBOTS, USED IN MANY MANUFACTURING PLANTS.



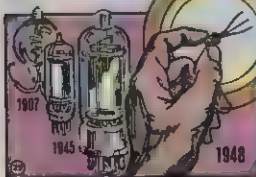
TANDY bits & bytes of Computer History

TODAY, MICROCOMPUTERS (MEANING TINY IN SIZE) ARE RESHAPING OUR WAY OF LIFE. THE **COMPUTER AGE** IS TRULY HERE. BUT, IT REALLY BEGAN ALMOST **200** YEARS AGO!

IN THE LATE 1940'S, SCIENTISTS MADE A REVOLUTIONARY DISCOVERY FOR RADIO CIRCUITS. WHAT WAS IT?

I KNOW! IT WAS THE **TRANSISTOR** IN 1948.

THEIR RESEARCH WAS DONE AT WORLD FAMOUS BELL TELEPHONE LABS. MANY TIMES SMALLER THAN RADIO TUBES, THE TRANSISTOR MADE POSSIBLE POCKET RADIOS, CALCULATORS, AND SMALLER STEREO SETS.



IN 1801, JOSEPH MARIE JACQUARD, CALLED THE "FATHER OF THE COMPUTER," WAS HONORED BY THE EXPOSITION IN PARIS FOR A WEAVING LOOM WHICH USED PROGRAMMED, PUNCHED, CARDS TO CONTROL THE WEAVING OF COMPLEX PATTERNS FROM THREAD.



JOHN BARDEEN



WALTER BRATTAIN



WILLIAM SHOCKLEY

YES, THE NOBEL PRIZE IN PHYSICS WAS SPLIT BETWEEN THREE AMERICANS... FOR INVENTING THE TRANSISTOR. **JOHN BARDEEN, WILLIAM SHOCKLEY, AND WALTER BRATTAIN.**



NEXT CAME THE TINY IC (INTEGRATED CIRCUIT) USED IN TODAY'S RADIOS, STEREO HI-FI SETS, AND POWERFUL DESK-SIZE HOME AND BUSINESS COMPUTERS LIKE THE **TANDY 1000.**

COMPUTERS and ASTRONOMY...

THE WORLD'S FIRST ALL-ELECTRONIC COMPUTERS WERE MADE IN THE UNITED STATES AT THE END OF WORLD WAR II. THESE COMPUTERS CONTAINED THOUSANDS OF VACUUM (RADIO) TUBES, RESISTORS, CAPACITORS AND SWITCHES — AND REQUIRED A ROOM-SIZE SPACE! THEY USHERED IN THE **COMPUTER AGE!**



IN THE LATE 1940'S, THE SSEC (SELECTIVE SEQUENCE ELECTRONIC CALCULATOR), WAS USED BY PIONEERING ASTRONOMER WALTER D. ECKERT AND ASSOCIATES TO COMPUTE A NEW EPHEMERIS—(CELESTIAL ALMANAC) FOR THE OUTER PLANETS JUPITER THROUGH PLUTO. IT REPORTEDLY TOOK 120 HOURS TO PERFORM ALL OF THE CALCULATIONS.*

THESE SAME CALCULATIONS WERE REPORTEDLY PERFORMED BY A TRS-80 MODEL I 1979 DESK-TOP COMPUTER AND PRINTER IN LESS THAN 11 HOURS!

QUOTED IN PART BY PERMISSION FROM APRIL 1984
EY AND TE ESCAPE MAGAZINE

THE ASTRONOMICAL CALCULATIONS MADE BY THE 1979 MODEL I COULD BE PERFORMED EVEN FASTER BY TODAY'S TANDY 1000 MICROCOMPUTER...RECOGNIZED FOR ITS POWER AND STORAGE CAPACITY IN BUSINESS AND EDUCATIONAL USE.

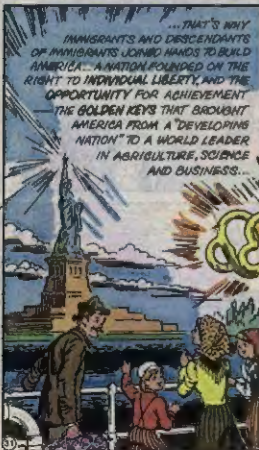


INCIDENTALLY, ESTIMATES SAY THAT IT WOULD HAVE TAKEN ONE PERSON ABOUT 30 YEARS TO DO THE JOB WITHOUT THE HELP OF A COMPUTER!

THE HISTORY OF COMPUTERS REALLY BEGAN COUNTLESS CENTURIES AGO BECAUSE OUR ANCESTORS HAD A NATURAL CURIOSITY ABOUT THINGS. EACH GENERATION EXPLORED, OBSERVED, DISCOVERED, INVENTED AND PASSED ALONG TO THE NEXT GENERATION THEIR CONTRIBUTION TO THE BODY OF KNOWLEDGE WE CALL SCIENCE ... AND TO A BETTER WAY OF LIFE WE CALL FREEDOM!



IT IS MANKIND'S NATURE
TO LOOK BEYOND THE HORIZON...
TO EXPLORE NEW FRONTIERS!



...THAT'S WHY
IMMIGRANTS AND DESCENDANTS
OF IMMIGRANTS JOINED HANDS TO BUILD
AMERICA... A NATION FOUNDED ON THE
RIGHT TO INDIVIDUAL LIBERTY, AND THE
OPPORTUNITY FOR ACHIEVEMENT
—THE GOLDEN KEYS THAT BROUGHT
AMERICA FROM A "DEVELOPING
NATION" TO A WORLD LEADER
IN AGRICULTURE, SCIENCE
AND BUSINESS...



THAT'S WHY THE PILGRIMS CAME TO
AMERICA IN 1620—SEARCHING FOR
RELIGIOUS FREEDOM AND THE RIGHT
TO GOVERNMENT BY THE PEOPLE.



THE **GOLDEN KEYS** THAT OPENED
THE DOORS FOR THE SCIENCE EXPLORERS
OF THE UNITED STATES OF AMERICA
—PEOPLE LIKE NIKOLA TESLA, SAMUEL MORSE,
ALEXANDER BELL, THOMAS EDISON,
JOSEPH HENRY, BENJAMIN FRANKLIN,
ROYAL HOUSE, EDWIN ARMSTRONG,
JOSEPH TYKOCINER, LEE DEFOREST, AND
THE INVENTORS OF THE TRANSISTOR—
JOHN BARDEEN, WALTER BRATTAIN,
AND WILLIAM SHOCKLEY, AND MANY
OTHER GREAT SCIENCE EXPLORERS!

...DEDICATED PEOPLE WHOSE YEARS OF STUDY AND COUNTLESS HOURS OF TEDIOUS RESEARCH BROUGHT US...

- ★ ALTERNATING CURRENT ELECTRICITY
- ★ TELEPHONE
- ★ RADIO
- ★ STEREO HI-FI
- ★ COLOR TELEVISION
- ★ POCKET CALCULATORS
- ★ VIDEO CASSETTE RECORDING
- ★ POWERFUL DESK-SIZE COMPUTERS
- ★ COMMUNICATION SATELLITES
- ★ MICROWAVE OVENS FOR COOKING
- ★ ELECTRONIC CONTROL AND GUIDANCE SYSTEMS FOR JETL SHUTTLE SPACECRAFT



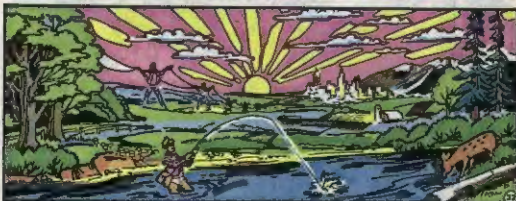
...MOST OF THESE GREAT INVENTIONS DEVELOPED WITHIN THE PAST CENTURY (100 YEARS)!

...AND THAT'S WHY YOU MUST STUDY HARD...LEARN ALL YOU CAN ABOUT MATH, PHYSICS, ELECTRICITY...

REMEMBER, THE GOLDEN KEYS OPEN ONLY THE DOOR TO ACHIEVEMENT. REMEMBER ALSO, ACHIEVEMENT IS NOT A GIFT... IT'S UP TO YOU TO DO IT YOURSELF!

...CHEMISTRY AND OTHER SCIENCES... SO THAT YOU CAN GAIN THE KNOWLEDGE IT TAKES TO BE A SCIENCE EXPLORER. IT'S NOT EASY, BUT YOU CAN DO IT!

YEAAY!
WE CAN DO IT!



IT WILL BE YOUR TURN TO MAKE A CONTRIBUTION TO SCIENTIFIC KNOWLEDGE THAT CONTINUES PROGRESS WITHOUT ENDANGERING OUR HOME BASE...SPACESHIP EARTH —A CONTRIBUTION THAT ALSO BENEFITS PEOPLE OF OTHER NATIONS.

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